

Air Flow Mattress – Specifications

Department of Intellectual and Developmental Disabilities

Location: Middle Tennessee Homes 313 Stewarts Ferry Pike Nashville, TN 37214

The State of Tennessee, Department of Intellectual Disabilities Services hereinafter shall be referred to as the “state” or “agency”.

The service recipient refers to the agency end user consumer, or using department, and hereinafter shall be referred to as the “agency authority” or “using department”.

The service provider hereinafter shall be referred to as the “contractor” or “vendor”.

The contract technical specifications and/or equipment specifications were submitted by, or have been reviewed and approved by, the agency authority end user

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General Scope of Contract:

A three year contract is requested due to the fact that the services needed are repetitive, thus allowing uninterrupted service at a stable price. Only two homes currently require mattress. The agency reserves the right to decrease or increase the number of homes requiring mattress, based on the current process. The agency will provide vendor with thirty (30) days' notice in the event of any change.

Specifications:

Acceptable brands:

AEDA Aeria 10 Pro

AEDA Aeria 8 Pro

Dimensions inflated: approximate length 80" x width 35" x mattress height minimum 10" with raised perimeter

A. Cover

Must be durable medical grade fabric with a wipe clean anti-microbial, low-friction surface. The cover must also have the following qualities; vapor permeable, moisture barrier, stain and flame-retardant.

B. Construction

Construction of the mattress must provide pressure relief to a minimum of three (3) different zones, while supporting the patient securely on a flat surface, to maintain proper positioning while minimizing rolling. The construction of the mattress must provide the therapeutic benefit of pressure relief and skin moisture management to the patient. Actual number of air cells shall be a minimum of nineteen (19) and the air cell height shall be a minimum of eight (8) inches for deep patient immersion.

1. Must have air cells that have a flat support surface.
2. Must have a minimum of three (3) adjustable pressure relief zones, to include; head, back/seat and leg/foot zones.
3. Must provide full-time or alternating pressure relief while supporting a patient weighing a minimum of three-hundred fifty (350) pounds (non-bariatric).
4. All sections must be controlled by an automatic system.
5. Mattress air pressure must not exceed 60 mm hg.
6. All components must be replaceable.
7. Deflation time shall be 20 seconds or less.
8. Re-inflation time shall be approximately one (1) minute without removing the patient.

C. Air control unit

1. Air control flotation mattress and microcomputer base air control unit must be integrated with the foot board.
2. Must be 110/50 vac, 50-60 hz or greater.
3. Must have lighted lcd screen.
4. Must be low noise operation: less than 50dBA.

D. Response time, delivery and set up

1. Vendor will be responsible for twenty-four (24) hour a day, seven (7) day a week response times.
2. Contractor must provide twenty-four (24) hour a day, seven (7) day a week technical assistance, including weekends and holidays with no additional cost.
3. Contractor must deliver and set up the equipment at the location, when the equipment is ordered.
4. Delivery must be made within six (6) hours from agency's notification by telephone to the contractor with no additional cost.

E. Additional specifications

1. Contractor will be responsible for all maintenance of leased equipment.
2. Maintenance response time shall be one (1) hour telephone response, and six (6) hours on-site response time.
3. Mattress malfunctions: Vendor will temporarily provide a refurbished loaner mattress at no additional charge from the regular daily rate for one bed; refurbished loaner mattresses are permitted only until repairs are made to the malfunctioning mattress. The repaired mattress will be returned immediately to the site upon repair. If mattress is not repairable, a new replacement mattress will be required that meets the specifications stated for new mattresses.
4. Equipment shall be maintained in good operational condition at all times. The vendor shall provide monthly maintenance to all locations.
5. The state will not be responsible for replacement of equipment in the event of loss due to fire, theft or water.
6. Each patient shall receive a new mattress. The vendor shall be required to provide new mattress(es) after receipt of a purchase order; this applies even if the vendor is currently leasing mattresses to Middle TN Homes.
7. In the event an air mattress system has been in continual use at the agency for six months, the vendor will come to the agency to perform an inspection of the mattress system.
8. The invoice shall be itemized and indicate delivery and pickup dates, home location and bed serial number.
9. Vendor shall not charge additional fees for travel under any circumstances for service calls on its mattress or related equipment.
10. In-Service Training will initially be provided at the time of delivery and additional training will be provided monthly or as needed, free of charge. Two training/instruction manuals will be provided per bed; additional manuals will be available on vendor's website.
11. Inquiries concerning invoice and statement matters (payment, overdue accounts, charge discrepancies, etc.) shall be submitted to the agency financial services department:

Department of Intellectual and Developmental Disabilities
400 Deaderick Street
Citizen's Plaza 9th Floor
Attn: Fiscal Office
Nashville, TN 37243

12. Service schedule (s) will be coordinated with the contractor to be provided at a mutually agreeable time that best meets the needs of the agency.

Agency authority:

Director of Middle Tennessee Homes
Franklin Dunbar
(615) 231-5373

13. Locations for all Middle TN Homes:

- 889 Tulip Grove Road Hermitage, TN 37076
- 895 Tulip Grove Road Hermitage, TN 37076
- 3160 Earhart Road Hermitage, TN 37076
- 3209 Earhart Road Hermitage, TN 37076
- 3207 Earhart Road Hermitage, TN 37076
- 3156 Earhart Road Hermitage, TN 37076
- 328 Dennywood Drive Nashville, TN 37214
- 4937 Saundersville Road Old Hickory, TN 37138
- 2410 Wilford Drive Nashville, TN 37214